

Converting Colors

Hex(8142DE)

Have a look what the booklet for
Hex(8142DE) contains.

Hex(8142DE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8142DE)

Conversions

Conversions Part 1

Format	Color
Hex	8142DE
RGB	129, 66, 222
RGB Percent	51%, 26%, 87%
CMY	0.4941, 0.7412, 0.1294
CMYK	0.42, 0.70, 0.00, 0.13
HSL	264°, 70%, 56%
HSV	264°, 70%, 87%
XYZ	24.1863, 13.8375, 70.5034
YIQ	102.6210, -12.5280, 61.8720

Conversions

Conversions Part 2

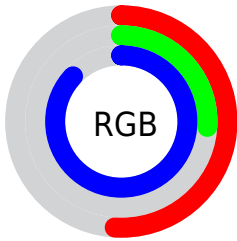
Format	Color
R_{YB}	129, 66, 222
Decimal	8471262
CIE _{Lab}	44.00, 58.23, -69.58
CIE _{LCh}	44, 90.730, 309.925
Yxy	13.8375, 0.2229, 0.1275
Android (android.graphics.Color)	4286661342 (0xFF8142DE)
YUV	102.6210, 58.8538, 23.1344
Hunter-Lab	37.1988, 50.9612, -86.3341

Details

The Hex color **8142DE** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **9FDE42**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **BC77FF**, and **4505A6** is the 20% darker color. If you saturate the color by 10%, you get **742CDE**, and if you desaturate by 10%, it is **8E58DE**.

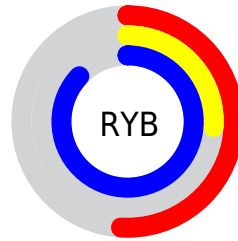
Distribution



Red (51%)

Green (26%)

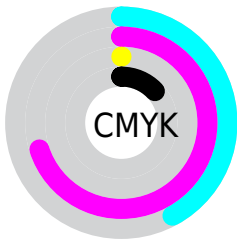
Blue (87%)



Red (51%)

Yellow (26%)

Blue (87%)

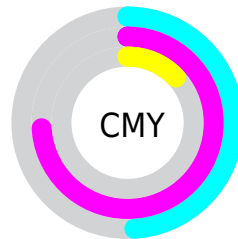


Cyan (42%)

Magenta (70%)

Yellow (0%)

Black (13%)



Cyan (49%)

Magenta (74%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8142DE changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 8142DE by changing the saturation by 10% instead.

 8142DE

 8142DE

FFFFFF

 6327C1

 BC77FF

 4505A6

 DA92FF

 20008A

 F8ADFF

 000070

 FFC9FF

 000057

 FFE6FF

 00063E

 000327

 000111

 000000

 8142DE

 8142DE

 742CDE

 8E58DE

 6716DE

 9B6EDE

 5A00DE

 A985DE

 B69BDE

 C3B1DE

 D0C7DE

 DEDDDE

 EBF4DE

 F8FFDE

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



006BFF



8142DE



CF009E

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



8142DE



A75000



008580

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



8142DE



9FDE42

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00822F



8142DE



696D00

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



8142DE



D30000



007C00



0085C9

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



8142DE



E2006C



007C00



008466

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



8142DE



DFC9FF



42A0DE



6C6080



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



8142DE



7F29FF



CE42DE



6A6570



4700B0



140030

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



DE429F



FF29A8



52DE42



70656C



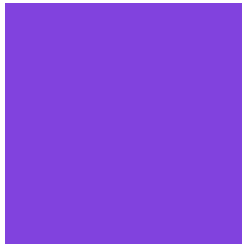
B00069



30001D

Previews

White Background



This preview shows how the Hex color 8142DE looks on a white background.

Color Contrast Check

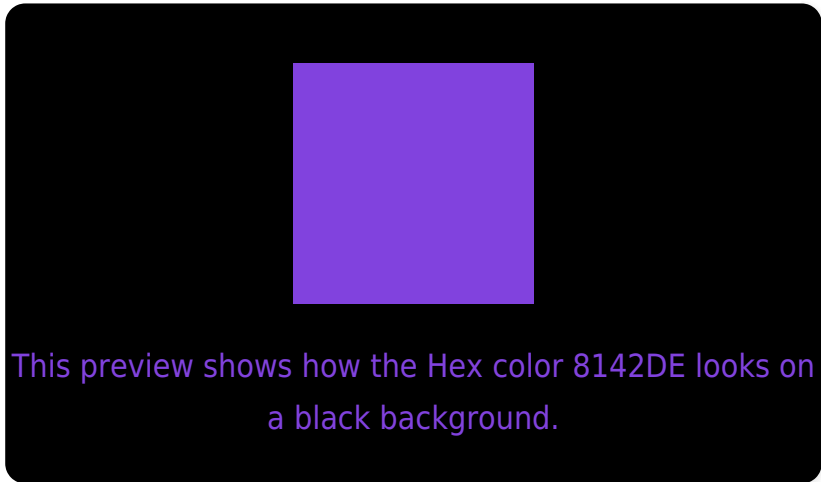
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8142DE Background



This preview shows how black text looks on a background with the Hex color 8142DE.

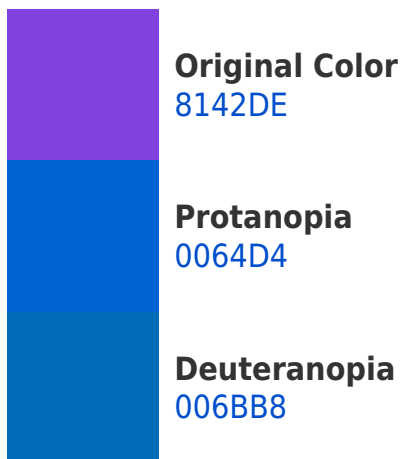



This preview shows how white text looks on a background with the Hex color 8142DE.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

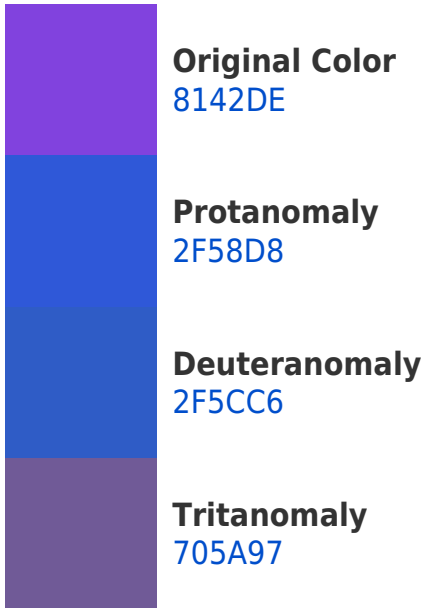
Dichromacy



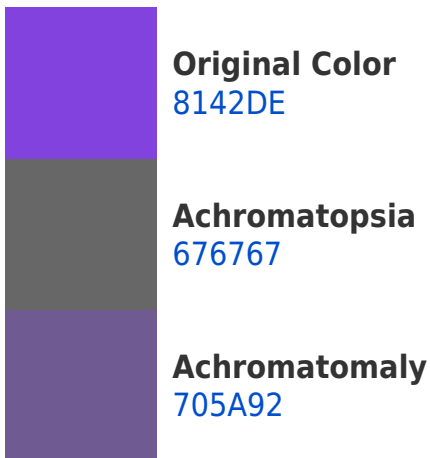


Tritanopia
67676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8142DE is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #8142DE looks like.

```
.text, #text, p{  
    color:#8142DE  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #8142DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8142DE
}
```

Border

The CSS property to change the border of an element to Hex 8142DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

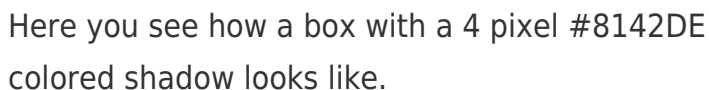
```
.border, #border, table{ border:4px solid
#8142DE }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#8142DE }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #8142DE colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8142DE; -webkit-box-shadow:4px 4px  
4px 4px #8142DE; box-shadow:4px 4px 4px  
4px #8142DE }
```

Background

The CSS property to change the background color of an element to Hex 8142DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8142DE }
```

If only the background color should be changed can be used:

```
.background{ background-color:#8142DE }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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